

BASWA Basic acoustic panel

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Product description and application areas

BASWA Basic is a pressure-stable (limited ball impact resistance), sound-absorbing acoustic panel made of expanded glass granulate to reduce the reverberation time. The acoustic panels are glued to a mineral substrate over their entire surface and coated seamlessly. Applicable for ceilings and walls in all interior areas, damp rooms and protected exterior areas.

Product details

Article number	a010
Material	Expanded glass granulate from 100% recycled glass
Size	62.5 cm x 62.5 cm (0,39 m ²)
Thickness	24.5 mm
Consumption per m ²	2.56 panels per m ²
Weight	approx. 2.54 kg / panel
Thermal conductivity	0.08 W / m*K
Recycled materials	approx. 100 %

Storage	Protect from sunlight. Store dry and frost-free. Goods are sensitive to impact. Protect from mechanical damage during storage and transport. Protect and do not stress. Do not store panels unprotected in outdoor areas.
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Delivery

Delivery format	Pallet (72 cm x 68 cm)
Delivery information	Improper transport can cause damage. The panels must be protected against mechanical influences and loads.

For further delivery information please contact BASWA acoustic AG, T +41 (0)41 914 02 22.

Substrate

In general, the substrates to be treated must always be checked for the following criteria:

- If the substrate is mineral
- Flatness or evenness of the substrate according to the requirements for the flatness of component surfaces in accordance with DIN 18202, Table 3.
- Free of sintered layers and form release agents, etc.
- Free of dust, impurities and harmful efflorescence
- Load-bearing, solid and sufficiently dimensionally stable
- Adhesive tensile strength > 25 kg / m²
- Airtight
- Crack-free
- Guarantee of dew point prevention
- Dry (residual moisture ≤ 3 mass-%), not water repellent

Attention! If the substrate has been pre-treated in advance with a barrier or bonding primer, only BASWA Fix C cementitious adhesive may be used!

Installation

1. Apply the BASWA Fix K or BASWA Fix C adhesive matched to the respective substrate with a 6x6 mm notched trowel over the entire back of the acoustic panel and bond it to the substrate within 2 minutes. To compensate for unevenness, floating bonding can also be used (buttering-floating method).
Always use BASWA Fix C for barrier or adhesive primers and cementitious substrates!
2. The panels can easily be cut with a standard cutter knife or circular table saw. Cutting edges should be ground flat, right-angled and straight using a sanding board to ensure an optimum, joint-tight panel connection.

3. Glue the panels in combination with an offset of at least 10 cm flush and over the entire surface of the substrate. Avoid cross joints! Do not contaminate the visible side of the panel.
4. The acoustic panels are full, without gaps, joint-tight and butt joints! Joints of more than 1 mm are to be avoided! (Connections to PVC or L-profiles as well as other fixtures must be glued to the front sides).
5. Grind the surface flat and even using a sanding board (grain 24 K recommended) and remove dust.
6. Subsequently coat the surface seamlessly according to the manufacturer's specifications.

Disclaimer

The previously mentioned data, in particular the suggestions for the processing and application of our products, are based on our knowledge and experience in the normal case, prerequisite is that the products have been correctly stored and used. Because of the different materials, surfaces and deviating working conditions, no guarantee of the result of the work can be given, or liability be placed, regardless of the legal relationship, neither from these instructions, nor from verbal advice, unless we are culpable of intent or gross negligence. Hereby, the user must prove that he/she has provided punctual, complete written knowledge to BASWA in order for BASWA to attain a correct and successful evaluation. Upon receipt, the user must check the products for their suitability for the envisaged application. Changes to the product specifications remained reserved. Observe the protection rights of third parties. Furthermore, our respective sales and delivery conditions remain applicable. The current product data sheet is applicable and can be requested from us.